

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants

Donald S. Karanewsky et al.

Application No.

09/765,105

Filed

January 16, 2001

For

C-TERMINAL MODIFIED OXAMYL DEPEPTIDES AS

INHIBITORS OF THE ICE/CED-3 FAMILY OF CYSTEINE

PROTEASES

Docket No.

480140.442C1

Box Missing Parts Commissioner for Patents Washington, DC 20231

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73 AND POWER OF ATTORNEY

The undersigned, being Assignee of the entire interest in the above-identified application by virtue of an Assignment filed concurrently herewith, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventors.

Assignee hereby appoints George C. Rondeau, Jr., Reg. No. 28,893; David H. Deits, Reg. No. 28,066; William O. Ferron, Jr., Reg. No. 30,633; Richard G. Sharkey, Reg. No. 32,629; David V. Carlson, Reg. No. 31,153; Karl R. Hermanns, Reg. No. 33,507; Michael J. Donohue, Reg. No. 35,859; Jane E. R. Potter, Reg. No. 33,332; Robert Iannucci, Reg. No. 33,514; Lorraine Linford, Reg. No. 35,939; David W. Parker, Reg. No. 37,414; E. Russell Tarleton, Reg. No. 31,800; Ellen M. Bierman, Reg. No. 38,079; Brian G. Bodine, Reg. No. 40,520; Robert M. Ward, Reg. No. 26,517; Frank Abramonte, Reg. No. 38,066; Kevin S. Costanza, Reg. No. 37,801; Thomas E. Loop, Reg. No. 42,810; Stephen J. Rosenman, Reg. No. 43,058; Brian L. Johnson, Reg. No. 40,033; Susan D. Betcher, Reg. No. 43,498; William T. Christiansen, Reg. No. 44,614; Eric J. Gash, Reg. No. 46,274; Jeffrey C. Pepe, Reg. No. 46,985; Charles J. Rupnick, Reg. No. 43,068; Timothy L. Boller, Reg. No. 47,435; and James M. Verna, Reg. No. 33,287; comprising the firm of Seed Intellectual Property Law Group PLLC, 701 Fifth Avenue, Suite 6300, Seattle, Washington 98104-7092, as its attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please direct all telephone calls to Karl R. Hermanns at (206) 622-4900 and telecopies to (206) 682-6031.

Please direct all communications to:

00500
PATENT TRADEMARK OFFICE

Karl R. Hermanns Seed Intellectual Property Law Group PLLC 701 Fifth Avenue, Suite 6300 Seattle, Washington 98104-7092

Pursuant to 37 C.F.R. § 3.73, the undersigned duly authorized designee of Assignee certifies that the evidentiary documents have been reviewed, specifically the Assignment to Idun Pharmaceuticals, Inc., filed concurrently herewith for recording, a copy of which is attached hereto, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Idun Pharmaceuticals, Inc.

ASSIGNEE

DATE

Kevin J. Tomaselli, Ph.D.

Vice President of Science and Technology

Enclosure:

Copy of Assignment

6/20/01

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As the below-named inventors, we declare that:

Our residences, post office addresses, and citizenships are as stated below under our names.

We believe we are the original, first and joint inventors of the invention entitled "C-TERMINAL MODIFIED OXAMYL DIPEPTIDES AS INHIBITORS OF THE ICE/CED-3 FAMILY OF CYSTEINE PROTEASES," which is described and claimed in the specification and claims of C-I-P Application No. 09/765,105, which we filed in the United States Patent and Trademark Office on January 16, 2001 and for which a patent is sought; and that this application in part discloses and claims subject matter disclosed in our earlier-filed U.S. Application No. 09/745,204 filed December 19, 2000 and U.S. Application No. 09/177,549 filed October 22, 1998, and claims the benefit of PCT Application No. PCT/US99/15074 filed July 1, 1999 and Provisional Application No. 60/091,689 filed July 2, 1998.

We have reviewed and understand the contents of the above-entitled specification, including the claims, as amended by any amendment specifically referred to herein (if any).

We acknowledge our duty to disclose information of which we are aware which is material to the patentability and examination of this application in accordance with 37 C.F.R. § 1.56(a), including material information which occurred between the filing date of said earlier-filed applications and the filing date of the C-I-P application.

We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Donald S. Karanewsky

Date 06-20-01

Residence

City of Escondido, County of San Diego

State of California

Citizenship

United States of America

P.O. Address

1797 Continental Lane

Escondido, California 92029

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Citizenship	:	United States of America
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Steven D. Linton	<u>D.</u>	Luka

City of San Diego, County of San Diego

Citizenship
P.O. Address

Date ____ Residence

United States of America

State of California

11320 Red Cedar Drive

San Diego, California 92131

Thang Dinh

Date 06 _ 20 _ 2001

Kobert J. Temorak

Residence : City of Garden Grove, County of Orange

State of California

Citizenship : United States of America

P.O. Address : 11531 College Avenue

Garden Grove, California 92804

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ASSIGNMENT

WHEREAS, we, Donald S. Karanewsky, Robert J. Ternansky, Steven D. Linton and Thang Dinh (hereinafter referred to as ASSIGNORS), having post office addresses of 1797 Continental Lane, Escondido, California 92029; 3469 Camino Valencia, Carlsbad, California 92009; 11320 Red Cedar Drive, San Diego, California 92131; and 11531 College Avenue, Garden Grove, California 92804, respectively, are the joint inventors of an invention entitled "C-TERMINAL MODIFIED OXAMYL DIPEPTIDES AS INHIBITORS OF THE ICE/CED-3 FAMILY OF CYSTEINE PROTEASES," as described and claimed in the specification forming part of a continuation-in-part application for United States letters patent which was filed on January 16, 2001 and assigned Application No. 09/765,105; this application is a continuation-in-part of U.S. Application No. 09/745,204 filed December 19, 2000 and U.S. Application No. 09/177,549 filed October 22, 1998, and claims the benefit of PCT Application No. PCT/US99/15074 filed July 1, 1999 and Provisional Application No. 60/091,689 filed July 2, 1998.

WHEREAS, Idun Pharmaceuticals, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of California having a place of business at 9380 Judicial Drive, San Diego, California 92121, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents

required for the making and	prosecution of applications for United States and foreign letters
patent on said invention, for	litigation regarding said letters patent, or for the purpose of
protecting title to said invention	n or letters patent therefor.
06-20-01	Danuld S. Karaneway
Date	Donald S. Karanewsky
State of California) ss.
County of Sax Vue	
the person who appeared be	know or have satisfactory evidence that Donald S. Karanewsky is efore me, and said person acknowledged that he signed this it to be his free and voluntary act for the uses and purposes
Γ	Dated <u>6-20-01</u>
	Signature of Notary Public Judal a. Vaydo
P	Printed Name Judith A. Daydew
N	My appointment expires 01-01-05
<u>06~21-01</u> Date .	Robert J. Temansky
State of California County of San New) ss.
person who appeared before m	now or have satisfactory evidence that Robert J. Ternansky is the ne, and said person acknowledged that he signed this instrument free and voluntary act for the uses and purposes mentioned in the
D	Dated 6-21-01
	ignature of Julian Public Publ
P	rinted Name Judith A. Dryden
N	Ay appointment expires $0/-0/-0$

June 20, 2	Steven D. Linton
State of San Sugar	(2.0) ss.
person who appeared before i	know or have satisfactory evidence that Steven D. Linton is the ne, and said person acknowledged that he signed this instrument free and voluntary act for the uses and purposes mentioned in the
]	Dated 6-20-2001
2	Signature of Notary Public Judat a Vaydo
1	Printed Name <u>Judith A. Dryder</u>
1	My appointment expires
<u>06 - 20 - 2001</u> Date	Thang Dinh
State of <u>Caleforn</u> County of <u>Nan Dig</u>	(d)) ss.
who appeared before me, and	know or have satisfactory evidence that Thang Dinh is the person d said person acknowledged that he signed this instrument and see and voluntary act for the uses and purposes mentioned in the
]	Dated 6-20-01
9	Signature of Notary Public Judith a Vrypln
1	Printed Name Judith A. Dreyden
I	My appointment expires

State of California)
County of California	ss.
On <u>6-21-01</u> , before me, <u>Date</u> personally appeared <u>Qoduf</u>	Name and Title of Officer (e.g., Vane Doe, Notary Aublic') Name(s) of Signer(s) Personally known to me proved to me on the basis of satisfactory evidence
JUDITH A. DRYDEN Commission # 1289198 Notary Public - California San Diego County My Comm. Expires Jan 1, 2005	to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
Place Notary Seal Above	WITNESS my hand and official seal. Signature of Notary Public
Though the information below is not required by	OPTIONAL law, it may prove valuable to persons relying on the document and reattachment of this form to another document.
Description of Attached Document	lon, De Karonewsky, J. DNA
Title or Type of Document:	Number of Pages:
Document Date: 7-1-9	Number of Pages:
Signer(s) Other Than Named Above:	
Capacity(ies) Claimed by Signer Signer's Name:	RIGHT THUMBPRINT
☐ Individual	OF SIGNER Top of thumb here
☐ Corporate Officer — Title(s):	i '
□ Partner — □ Limited □ General	
☐ Attorney in Fact	
☐ Trustee☐ Guardian or Conservator	
Other:	
Signer Is Representing:	

State of California County of Sax Juga	ss.
On <u>6-20-31</u> , before me, personally appeared <u>Steves</u>	Name and Title of Officer (e.g., "Jang Doe, Notary Public") Name(s) of Signer(s)
	Dipersonally known to me proved to me on the basis of satisfactory evidence
JUDITH A. DRYDEN Commission # 1289198 Notary Public - California San Diego County My Comm. Expires Jan 1, 2005	to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
Place Notary Seal Above	WITNESS my hand and official seal. Signature of Notary Public
Though the information below is not required by	DPTIONAL law, it may prove valuable to persons relying on the document and reattachment of this form to another document.
Description of Attached Document Title or Type of Document:	end assignment
Document Date: $-7-7$	Number of Pages:
Signer(s) Other Than Named Above: 7. 8	wh to testing by D. Karanews
Capacity(ies) Claimed by Signer Signer's Name:	RIGHT THUMBPRINT OF SIGNER
☐ Individual ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General	Top of thumb here
☐ Attorney in Fact ☐ Trustee	
☐ Guardian or Conservator ☐ Other:	
Signer Is Representing:	
3 National Notary Association • 9350 De Soto Ave P.O. Box 2402 • Chatsworth, C	A 91313-2402 • www.nationalnolary.org Prod. No. 5907 Reorder: Call Toll-Free 1-800-6

State of California)
County of Wax Wego	S S.
On July 20, 201, before me, personally appeared Donald	Name and Title of Officer (e.g. Jane Doe, Notary Public") S. Hand WSKY Name(s) of Signer(s)
	 personally known to me proved to me on the basis of satisfactory evidence
JUDITH A. DRYDEN Commission # 1289198 Notary Public - California San Diego County My Comm. Expires Jan 1, 2005	to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
ç Place Notary Seal Above	WITNESS my hand and official seal. Signature of Notary Public
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Though the information below is not required by law	TIONAL , it may prove valuable to persons relying on the document d reattachment of this form to another document.
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Capacity(ies) Claimed by Signer	
Signer's Name:	RIGHT THUMBPRINT OF SIGNER
☐ Individual	Top of thumb here
☐ Corporate Officer — Title(s):	
☐ Partner — ☐ Limited ☐ General	
☐ Attorney in Fact	
☐ Trustee☐ Guardian or Conservator	
☐ Other:	
Capacity(ies) Claimed by Signer Signer's Name:	

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personally appeared ThANG	Name(s) of Signer(s)
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	personally known to me proved to me on the basis of satisfactory
	evidence
	evidence
	to be the person(s) whose name(s) is/are
JUDITH A. DRYDEN	subscribed to the within instrument and
Commission # 1289196	acknowledged to me that he/she/they executed
Notary Public - California	the same in his/her/their authorized
San Diego County My Comm. Expires Jan 1, 2005	capacity(ies), and that by his/her/their
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	Signature of Notary Public
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and could prevent fraudulent remova	al and reattachment of this form to another document.
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□ Corporate Officer — Title(s):□ Partner — □ Limited □ General	
☐ Attorney in Fact	
☐ Trustee	
☐ Guardian or Conservator	
Other:	
Signer Is Representing:	
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